

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY022620\
 Data File : VY001778.D
 Acq On : 26 Feb 2020 12:30
 Operator : SY/MD
 Sample : L1679-02
 Misc : 8.27G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-12.5-13

Quant Time: Feb 26 15:32:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	157039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	296568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	268854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	115448	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	93867	55.57	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	111.14%	
35) Dibromofluoromethane	7.74	113	85397	50.27	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	10.19	98	359575	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
62) 4-Bromofluorobenzene	12.49	95	120051	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	

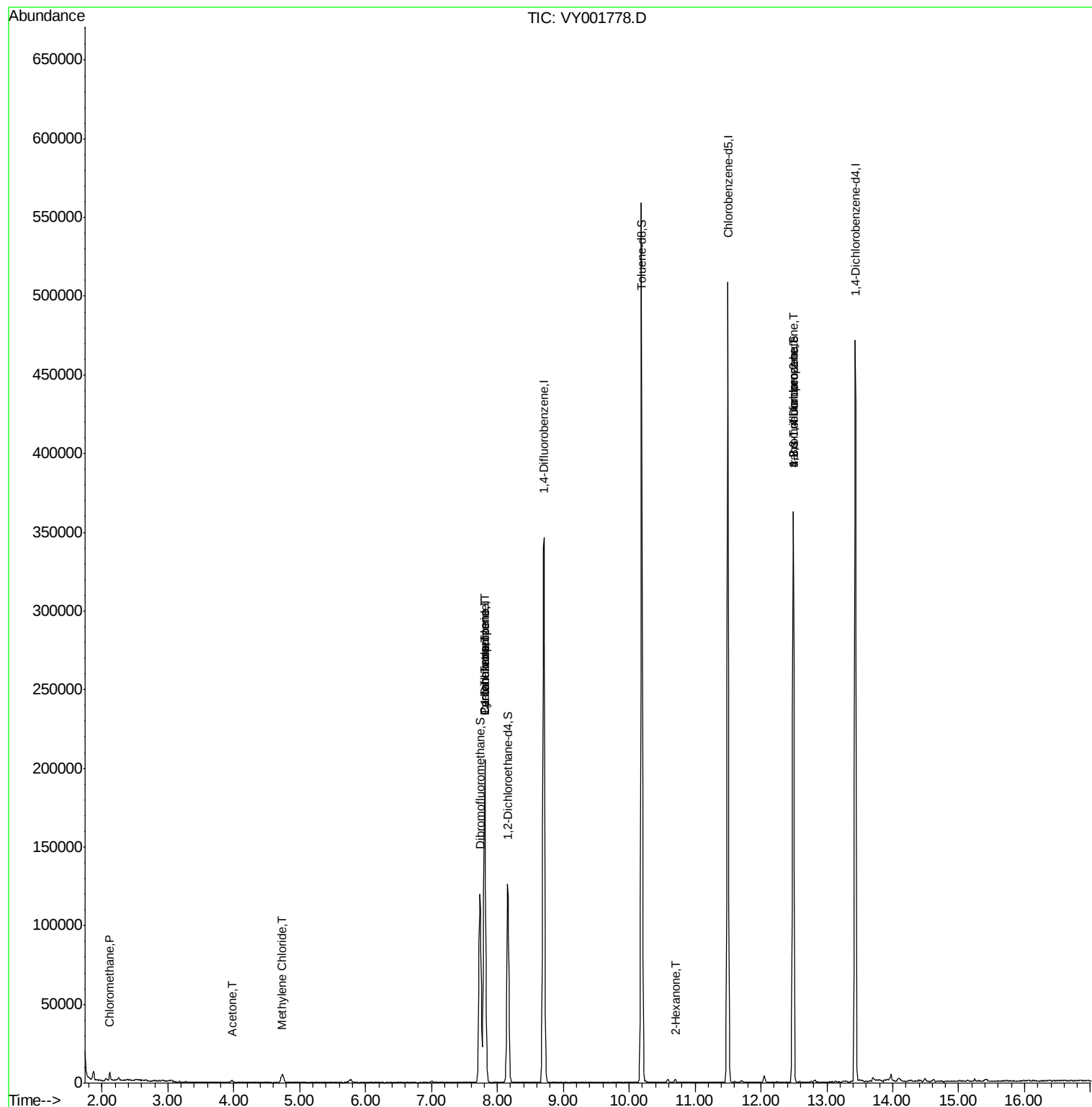
Target Compounds						Qvalue
3) Chloromethane	2.12	50	4878	2.37	ug/l	97
11) Tert butyl alcohol	4.96	59	440	Below	Cal	# 74
16) Acetone	3.97	43	2412	4.13	ug/l	# 70
20) Methylene Chloride	4.74	84	4125	1.99	ug/l	# 93
31) Cyclohexane	7.80	56	3675	1.04	ug/l	# 2
36) 1,1-Dichloropropene	7.80	75	13066	4.61	ug/l	# 50
38) Carbon Tetrachloride	7.80	117	15996	6.43	ug/l	# 16
59) 2-Hexanone	10.70	43	1404	1.14	ug/l	# 76
76) 1,2,3-Trichloropropane	12.49	75	60563	45.73	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	60563	86.76	ug/l	# 17

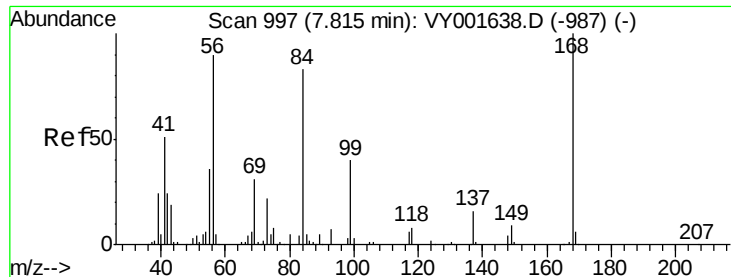
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001778.D

Acq: 26 Feb 2020 12:30

Instrument :

MSVOA_Y

ClientSampleId :

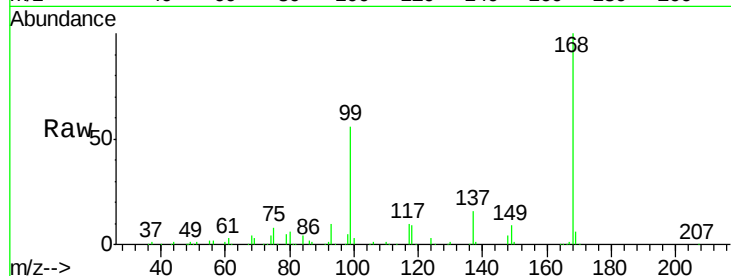
SB-2-12.5-13

Tgt Ion:168 Resp: 157039

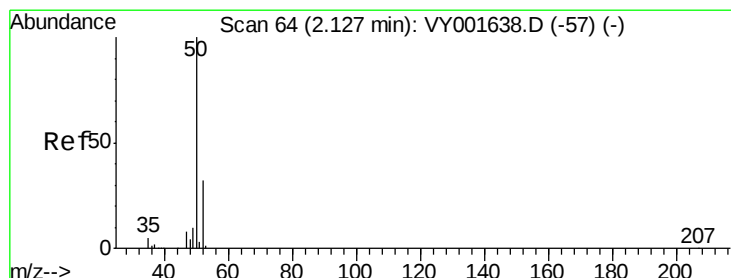
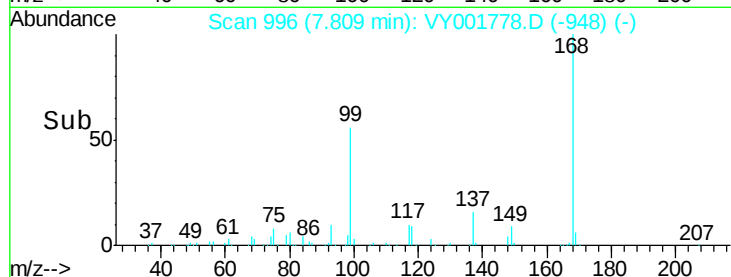
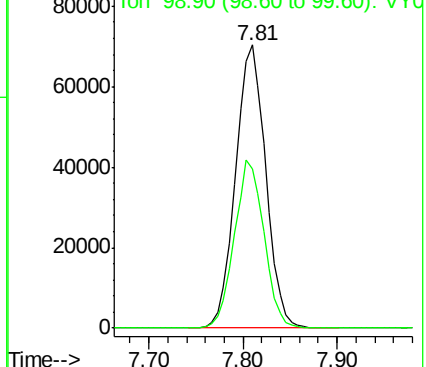
Ion Ratio Lower Upper

168 100

99 56.4 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001778.D (-948) (-)



#3

Chloromethane

Concen: 2.37 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY001778.D

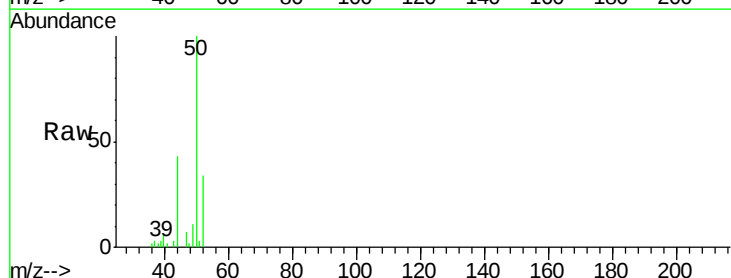
Acq: 26 Feb 2020 12:30

Tgt Ion: 50 Resp: 4878

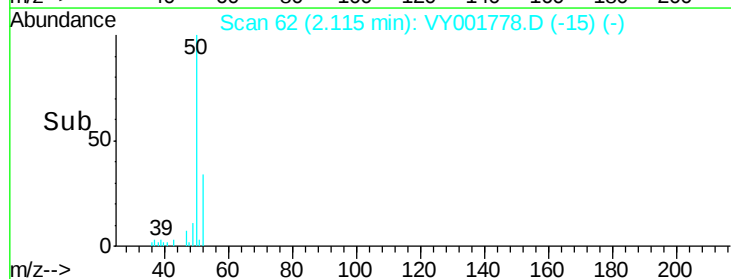
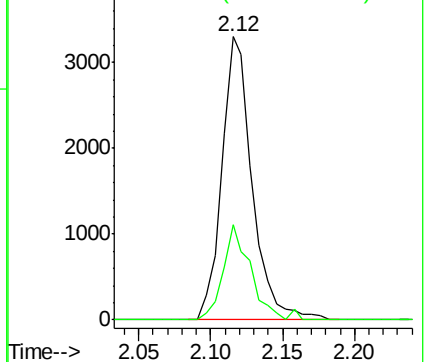
Ion Ratio Lower Upper

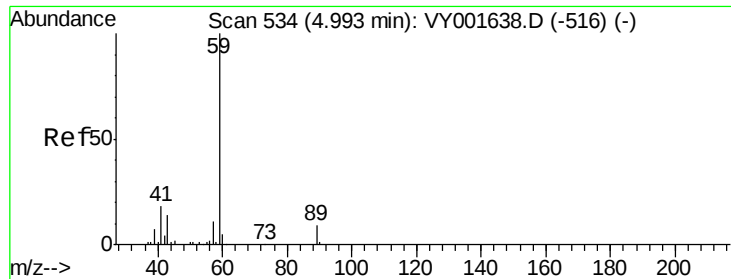
50 100

52 33.6 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001778.D (-15) (-)



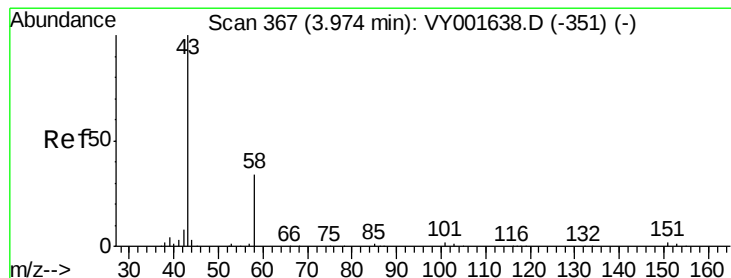
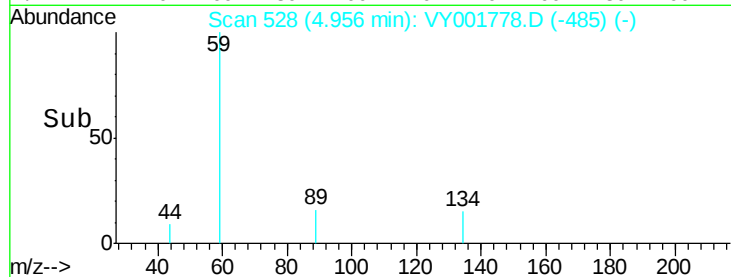
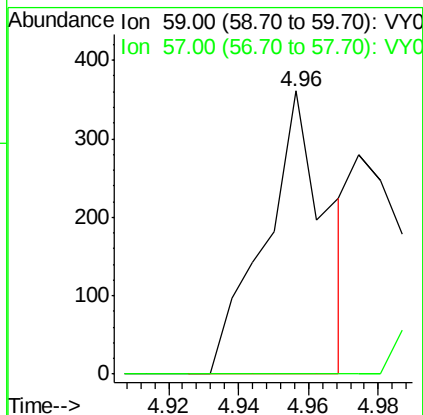
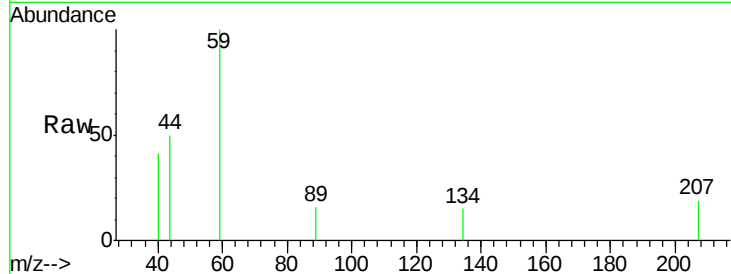


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.96 min Scan# 528
 Delta R.T. -0.04 min
 Lab File: VY001778.D
 Acq: 26 Feb 2020 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-12.5-13

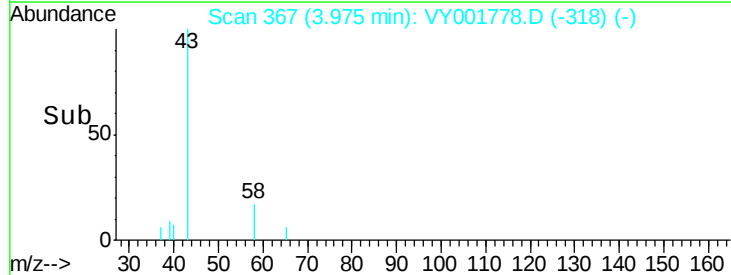
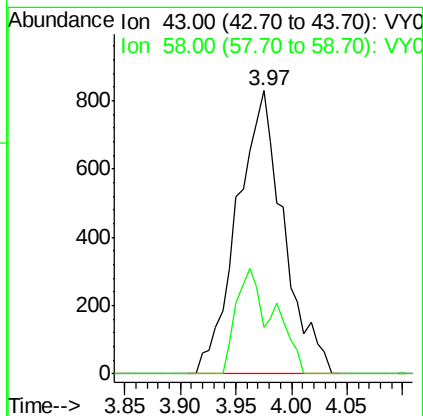
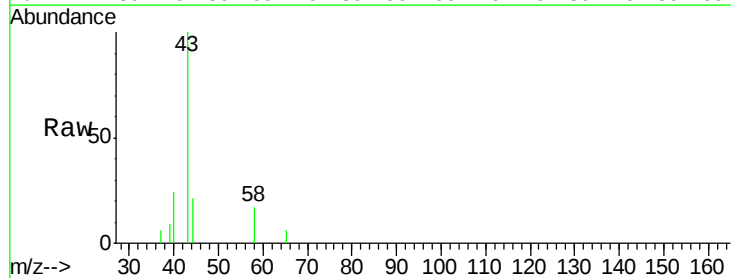
Tgt Ion: 59 Resp: 440
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

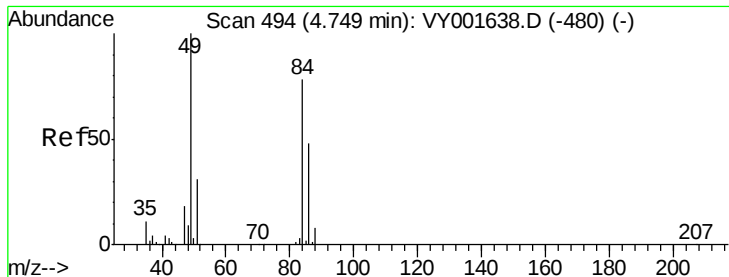


#16

Acetone
 Concen: 4.13 ug/l
 RT: 3.97 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: VY001778.D
 Acq: 26 Feb 2020 12:30

Tgt Ion: 43 Resp: 2412
 Ion Ratio Lower Upper
 43 100
 58 16.6 27.3 40.9#





#20

Methylene Chloride

Concen: 1.99 ug/l

RT: 4.74 min Scan# 493

Delta R.T. -0.01 min

Lab File: VY001778.D

Acq: 26 Feb 2020 12:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-12.5-13

Tgt Ion: 84 Resp: 4125

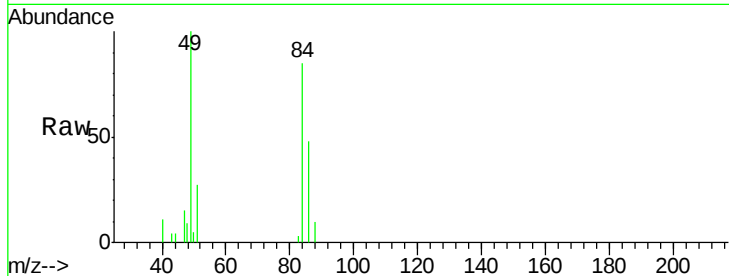
Ion Ratio Lower Upper

84 100

49 118.1 99.2 148.8

51 31.9 31.5 47.3

86 57.0 51.0 76.6

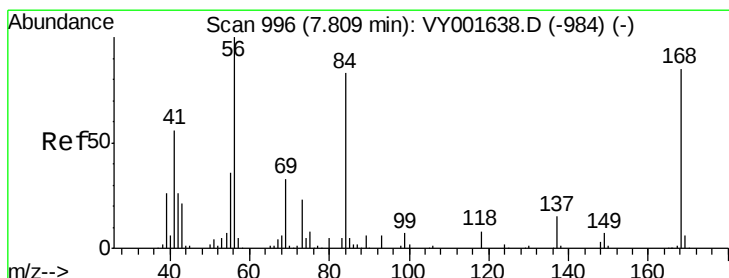
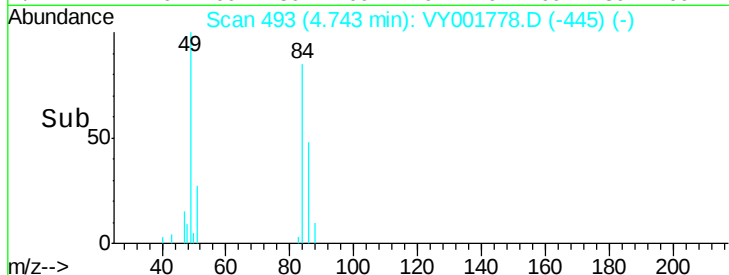
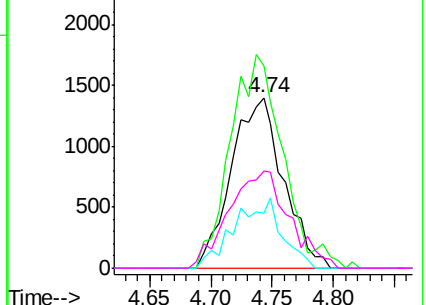


Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#31

Cyclohexane

Concen: 1.04 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY001778.D

Acq: 26 Feb 2020 12:30

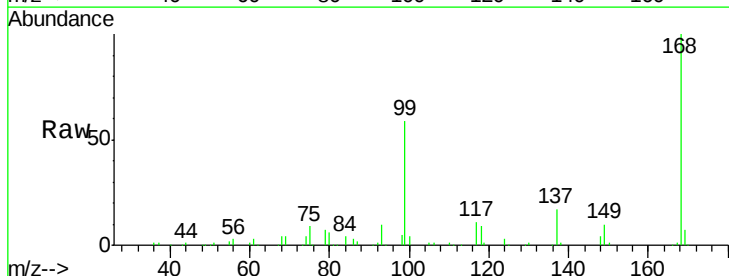
Tgt Ion: 56 Resp: 3675

Ion Ratio Lower Upper

56 100

69 134.6 25.1 37.7#

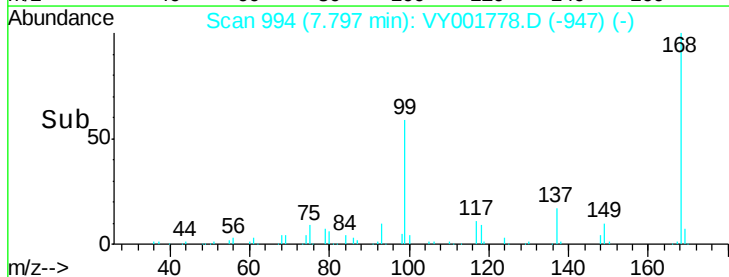
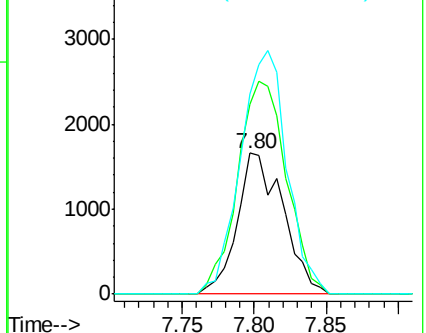
84 142.3 66.9 100.3#

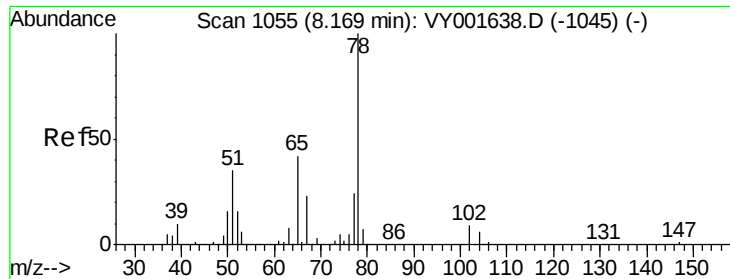


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

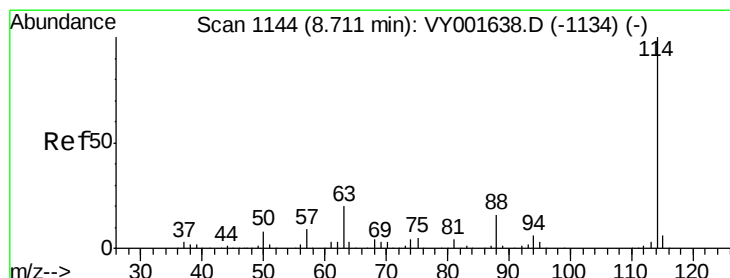
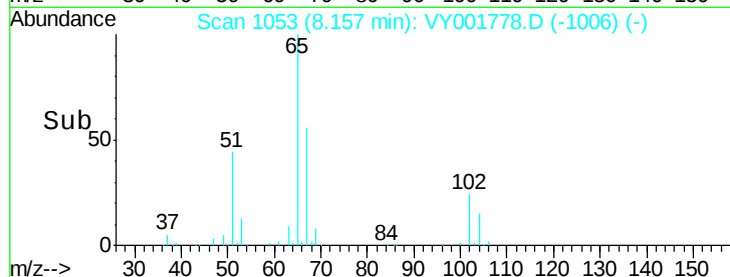
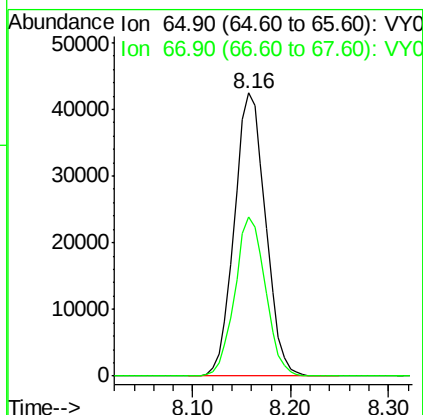
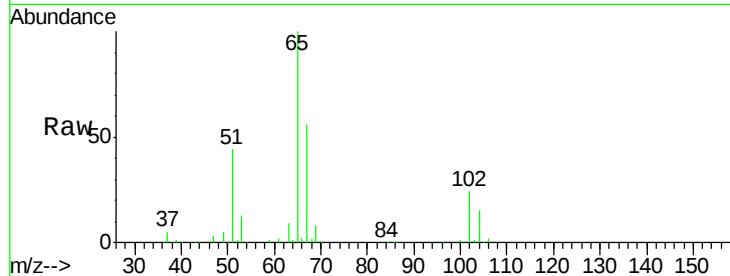




#33
 1,2-Dichloroethane-d4
 Concen: 55.57 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001778.D
 Acq: 26 Feb 2020 12:30

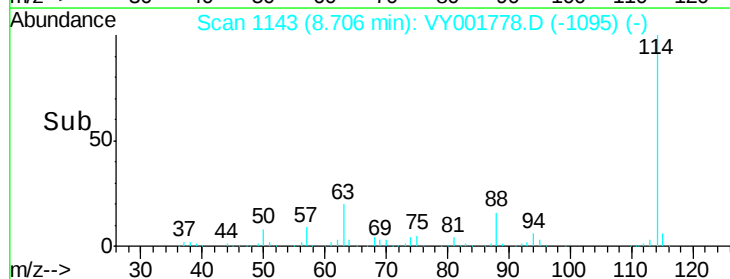
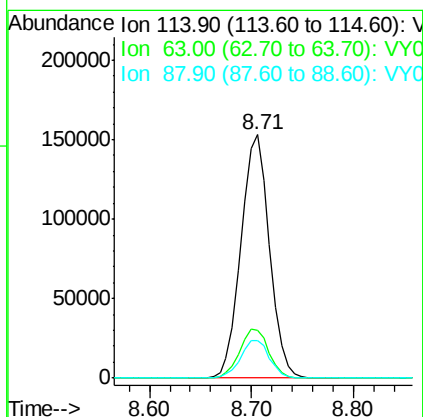
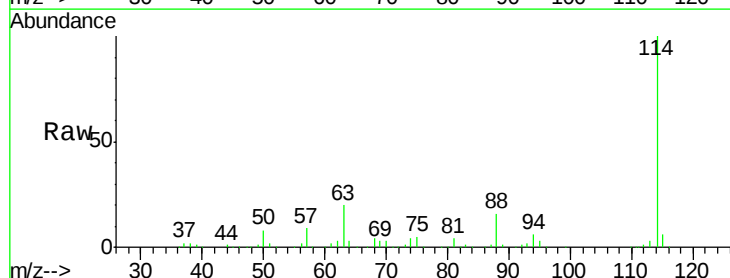
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-12.5-13

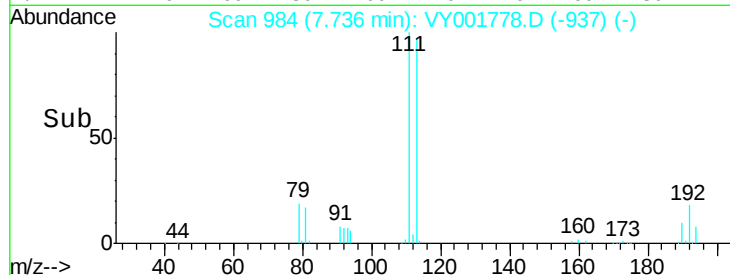
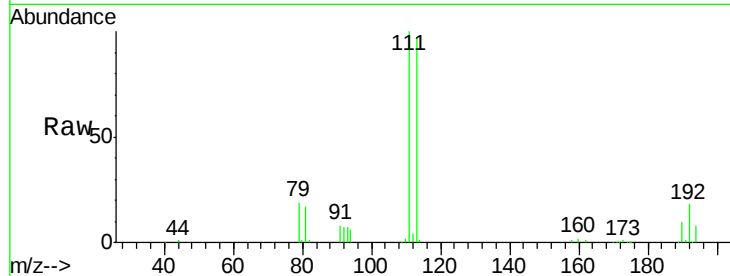
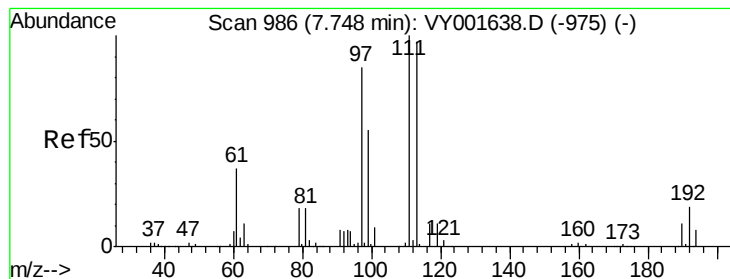
Tgt Ion: 65 Resp: 93867
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001778.D
 Acq: 26 Feb 2020 12:30

Tgt Ion: 114 Resp: 296568
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.27 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001778.D

Acq: 26 Feb 2020 12:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-12.5-13

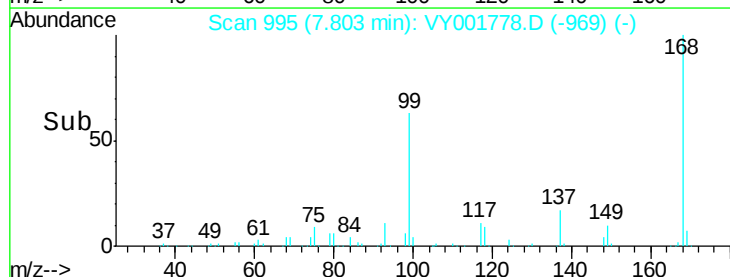
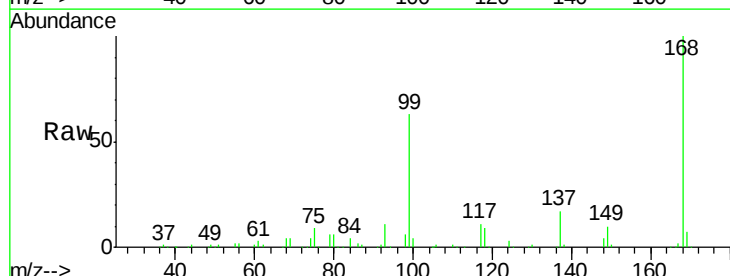
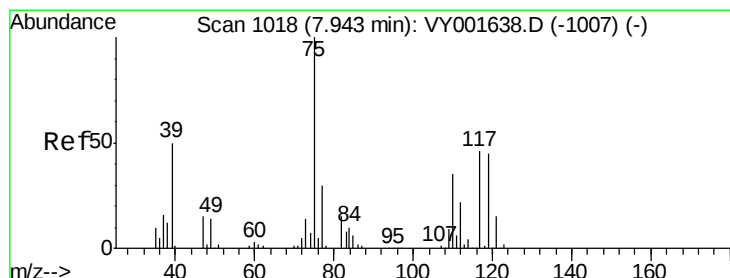
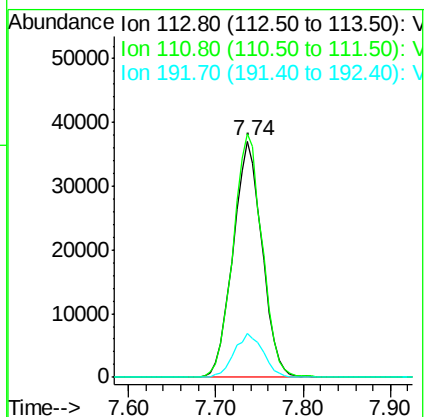
Tgt Ion:113 Resp: 85397

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

192 18.7 14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.61 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.14 min

Lab File: VY001778.D

Acq: 26 Feb 2020 12:30

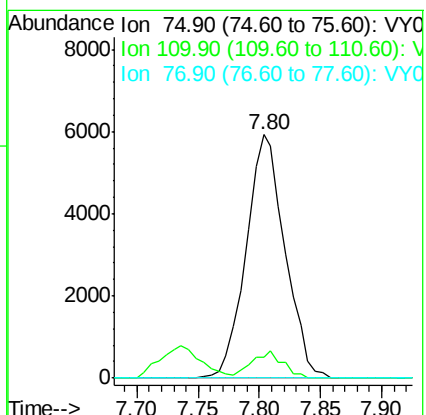
Tgt Ion: 75 Resp: 13066

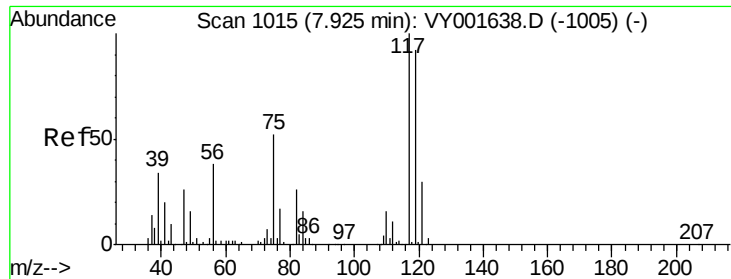
Ion Ratio Lower Upper

75 100

110 8.8 17.2 51.6#

77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.43 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY001778.D

Acq: 26 Feb 2020 12:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-12.5-13

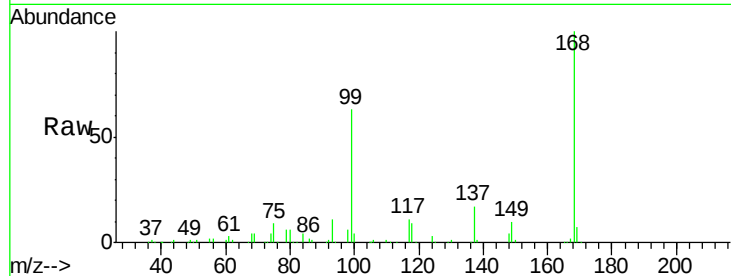
Tgt Ion:117 Resp: 15996

Ion Ratio Lower Upper

117 100

119 4.3 74.8 112.2#

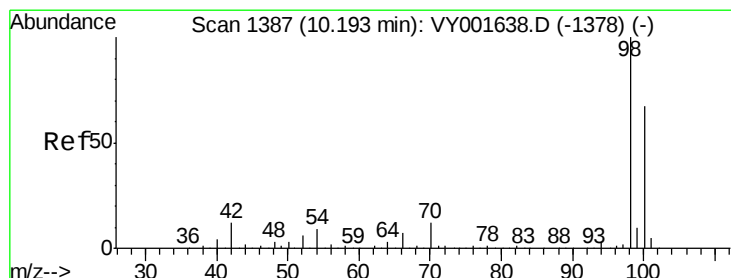
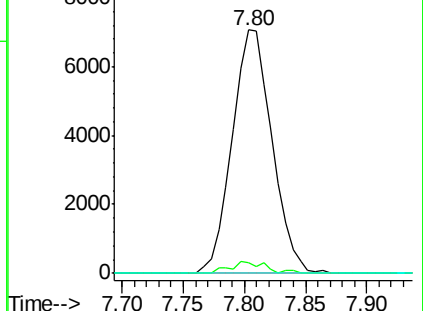
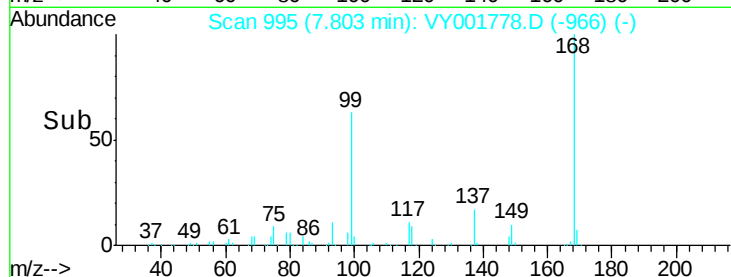
121 0.0 23.8 35.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 54.03 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001778.D

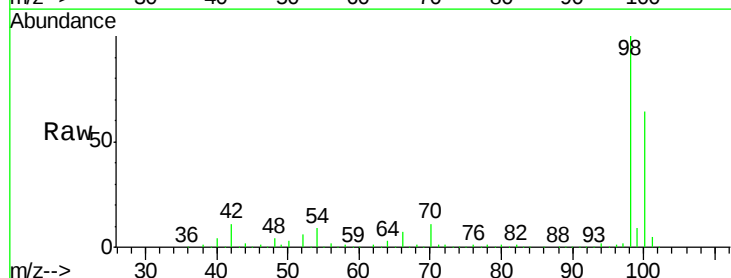
Acq: 26 Feb 2020 12:30

Tgt Ion: 98 Resp: 359575

Ion Ratio Lower Upper

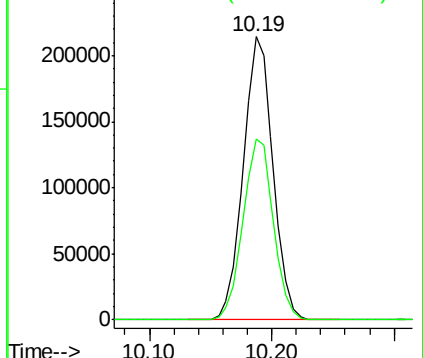
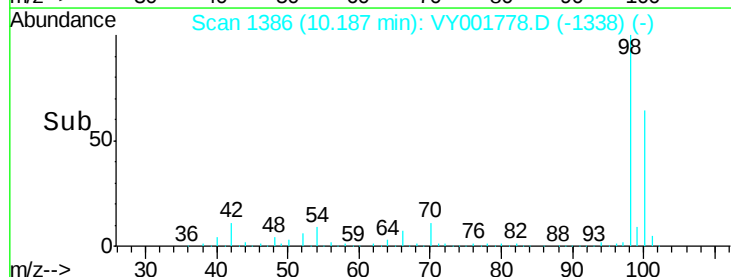
98 100

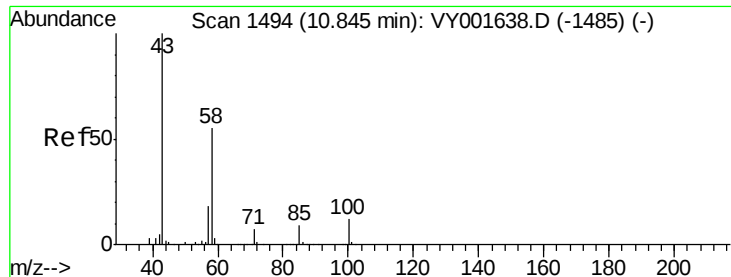
100 65.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

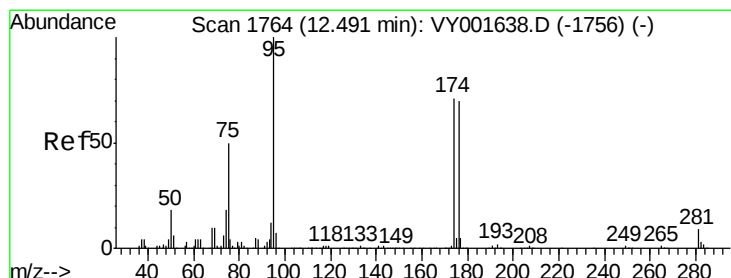
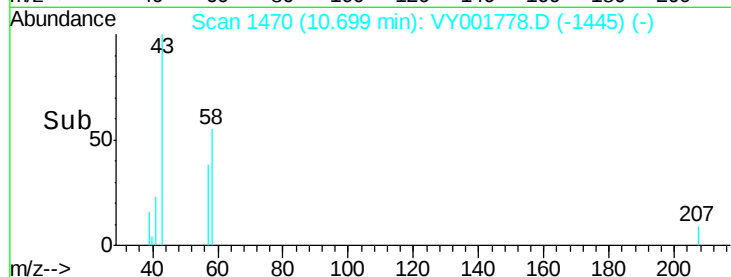
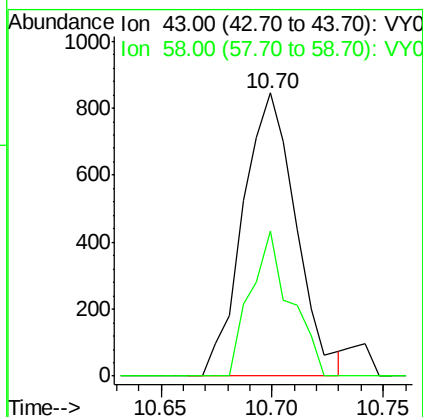
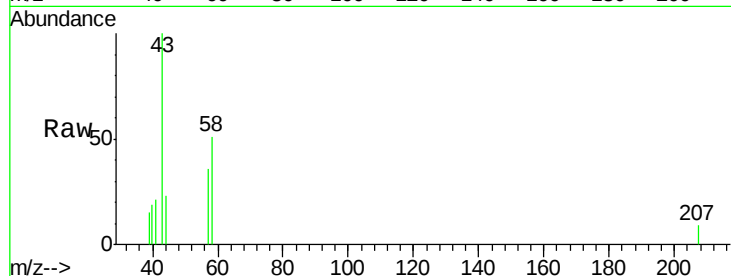




#59
2-Hexanone
Concen: 1.14 ug/l
RT: 10.70 min Scan# 1470
Delta R.T. -0.15 min
Lab File: VY001778.D
Acq: 26 Feb 2020 12:30

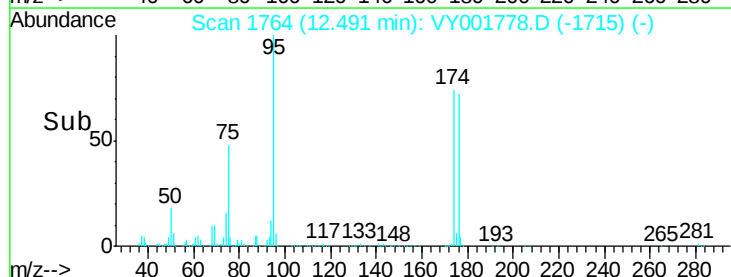
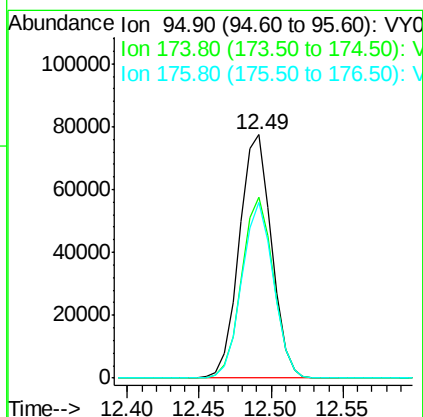
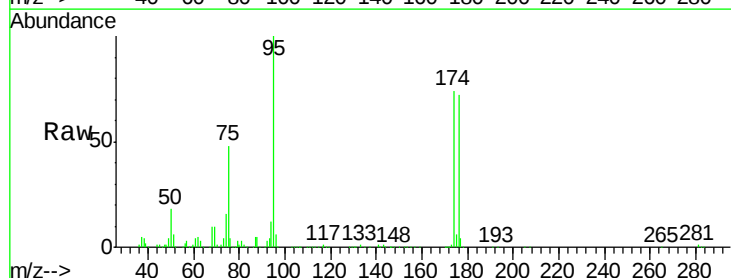
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-12.5-13

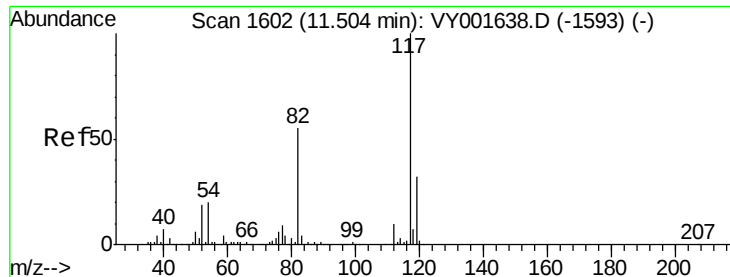
Tgt Ion: 43 Resp: 1404
Ion Ratio Lower Upper
43 100
58 38.8 28.4 85.2



#62
4-Bromofluorobenzene
Concen: 46.44 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001778.D
Acq: 26 Feb 2020 12:30

Tgt Ion: 95 Resp: 120051
Ion Ratio Lower Upper
95 100
174 73.5 0.0 138.4
176 70.9 0.0 131.8

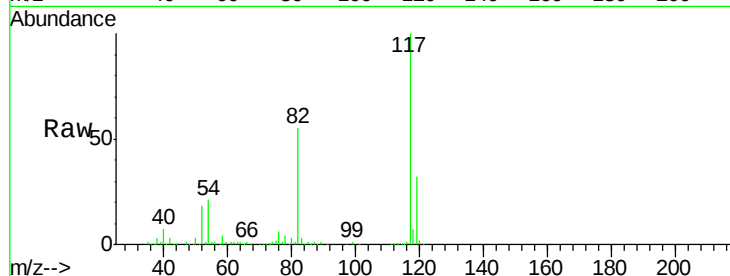




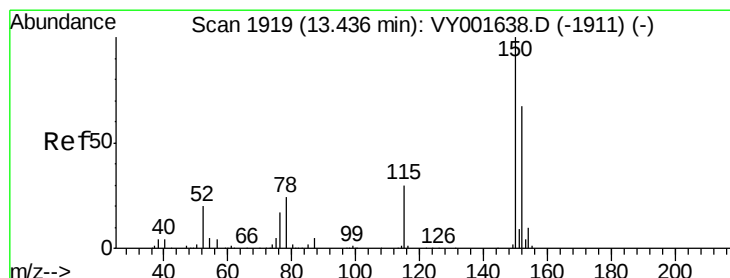
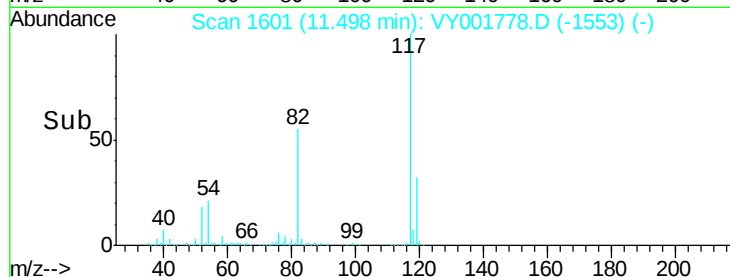
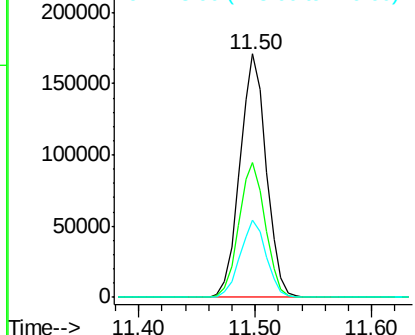
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001778.D
Acq: 26 Feb 2020 12:30

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-12.5-13

Tgt Ion:117 Resp: 268854
Ion Ratio Lower Upper
117 100
82 55.5 45.5 68.3
119 31.9 25.8 38.6

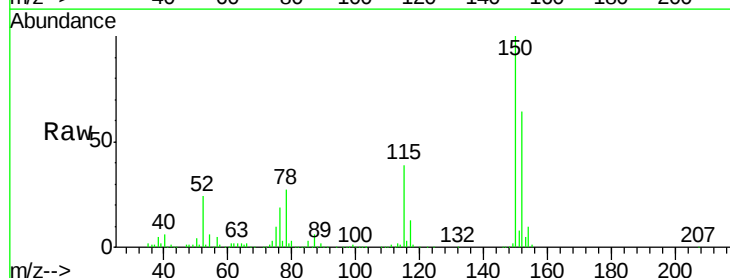


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

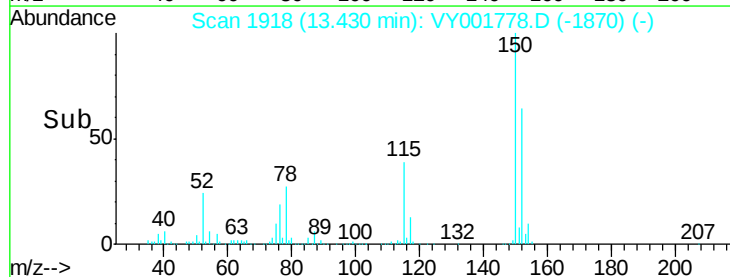
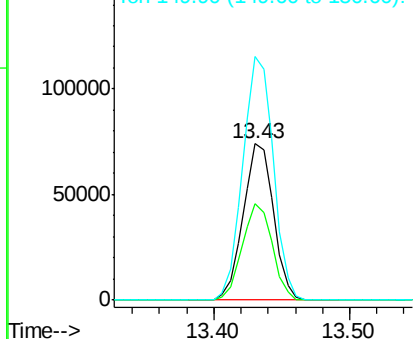


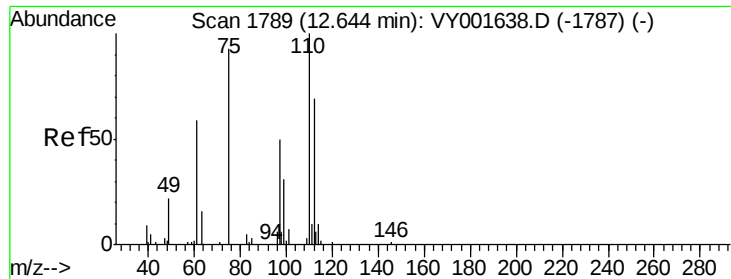
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001778.D
Acq: 26 Feb 2020 12:30

Tgt Ion:152 Resp: 115448
Ion Ratio Lower Upper
152 100
115 60.9 31.4 94.2
150 157.1 0.0 407.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

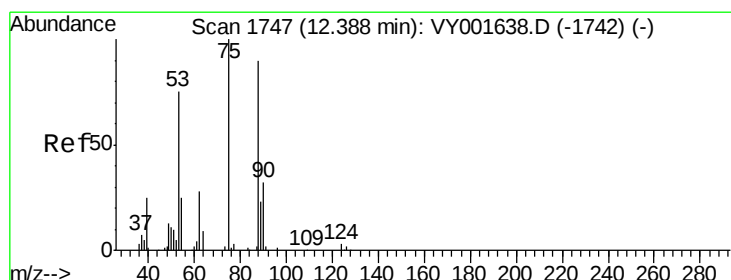
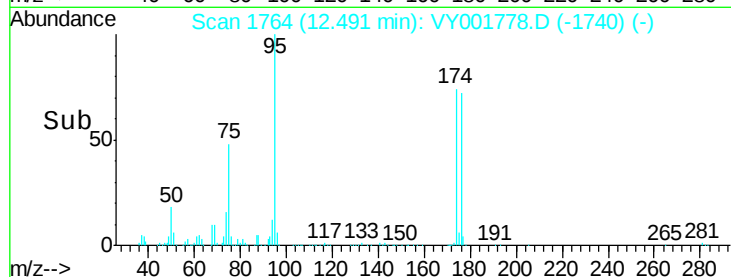
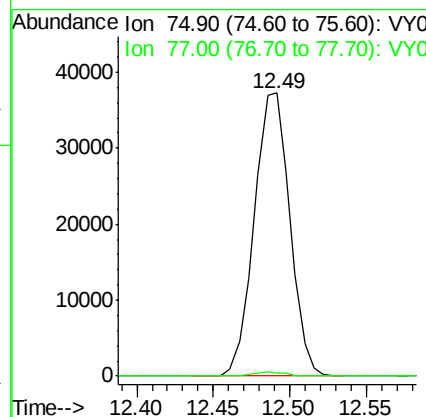
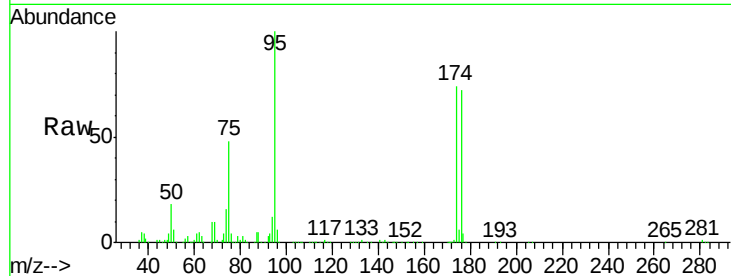




#76
 1,2,3-Trichloropropane
 Concen: 45.73 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.15 min
 Lab File: VY001778.D
 Acq: 26 Feb 2020 12:30

Instrument :
 MSVOA_Y
 ClientSampled :
 SB-2-12.5-13

Tgt Ion: 75 Resp: 60563
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.76 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY001778.D
 Acq: 26 Feb 2020 12:30

Tgt Ion: 75 Resp: 60563
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.5 96.7#
 89 0.2 36.3 54.5#

